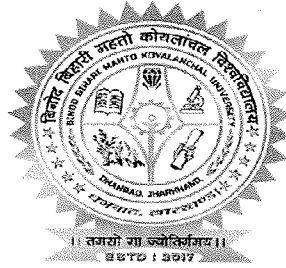


**BINOD BIHARI MAHTO KOYALANCHAL  
UNIVERSITY, DHANBAD (JHARKHAND)**



**FOUR YEARS UNDER GRADUATE PROGRAM  
IN PSYCHOLOGY  
(Revised)**

**SYLLABUS: DISCIPLINE SPECIFIC CORE COURSE (DSCC)  
DISCIPLINESPECIFIC MINOR COURSES FOR SEMESTER-I,  
SEMESTER-II, SEMESTR-III, AND MULTIDISCIPLINARY COURSE IN  
PSYCHOLOGY**

**AS PER NEP-2020**

**YEAR OF IMPLIMENTATION: ACADEMIC YEAR 2022-2023**

*JS*  
31/12/2023

**Members of Board of Studies of Psychology for Four Year Undergraduate Syllabus as Per the Guidelines of NEP-2020 of Binod Bihari Mahto Koyalanchal University, Dhanbad**

1. Dr.Kavita Singh  
Associate Professor & Hread  
Uni.Dept. of Psychology  
BBMKU

-Chairperson

K Singh  
28/9/2022

2. Dr.Sudhinta Sinha  
Associate Professor  
Uni.Dept. of Psychology  
& Proctor, BBMKU

-Internal Member

Sudhinta Sinha  
28/9/2022

3. Dr. Meera Jaiswal(Retd.)  
Professor & Ex- Head  
Uni.Dept. of Psychology  
Ranchi University, Ranchi

-External Member

4. Dr. Kirti  
Professor & Head  
Dept. of Psychology  
College of Commerce, Patna

-External Member

5. Dr. R.S. Yadav( Retd.)  
Associate Professor & Ex- Head  
Uni.Dept. of Psychology  
BBMKU

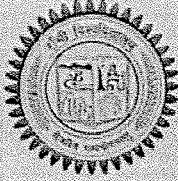
-Invited Member

R.S. Yadav  
28-9-2022

K Singh  
31/2/2023  
HEAD  
UNIVERSITY DEPTT. OF PSYCHOLOGY  
B.B.M.K.U DHANBAD

K Singh  
28/9/2022

(Dr.Kavita Singh)  
Head  
Uni.Dept. of Psychology  
BBMKU, Dhanbad



**Meera Jayaswal** (Ph.D., D.Lit.)  
University Professor (Retd.)  
Department of Psychology  
**Ranchi University Ranchi-834008, Jharkhand**  
Mobl: 8084269255 email: [drmeeraru@gmail.com](mailto:drmeeraru@gmail.com)

Date 26.9.2022

To:

Dr. Kavita Singh  
Head  
University Department of Psychology  
B.D.M.K.U  
Dhanbad

Subject: Approval of Syllabus

Dear Madam,

The syllabus for Four Year Undergraduate Programme under NEP 2020 is approved.

Yours sincerely,

*Meera Jayaswal*  
(Meera Jayaswal)

Phone-cum-Fax : 0612-2350136 (O)

# DEPARTMENT OF PSYCHOLOGY

College of Commerce, Arts & Science

Kankarbagh, Patna-800 020

[A Constituent unit of Patliputra University, Patna]

NAAC Re-Accredited 'A' Grade with CGPA 3.10

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Ref. : .....

Date : 26/09/2020

To,

Dr. Kavita Singh

Head

University Department of Psychology

B B M K U, Dhanbad

Subject : regarding Approval of Syllabus

Dear Madam,

After going through the syllabus for Four Years Undergraduate Program in Psychology of Binod Bihari Mahto Koyanchal University, Dhanbad (Jharkhand) under NEP-2020, I hereby give my approval for the same.

Yours Sincerely

CSE

[PROF. KIRTI]

HOD

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# **BINOD BIHARI MAHTO KOYALANCHAL UNIVERSITY, DHANBAD**

## **Highlights of Regulations of FYUG/Research Program**

- The Full-time, Regular UG program for a regular student shall be for a period of four years with multiple entries and multiple exit options-
- a Certificate after completing 1 year (2 semesters) of study in the chosen fields of study,
- a Diploma after 2 years (4 semesters) of study,
- a Bachelor after a 3-year (6 semesters) program of study,
- a Bachelor (with Hons. / Research) after a 4-year (8 semesters) program of study
- Validity of a registration for FYUGP will be of six years for Three Year Program and maximum Seven years for Four Years Program from the date of registration.

## **Four Years Undergraduate Honours/Research Program Structure in Psychology**

### **Program Outcomes:**

By the end of the Honours/Research Program in Psychology the students will be able:

- To explain the basic concepts in Psychology
- To understand the basic psychological processes and applications in everyday life.
- To facilitate acquisition of basic skills in major areas of application (e.g. psychological testing, experimentation, counseling, interviewing, developing psychological tools, behavior modification, data analysis, report writing).
- To understand the basic aspects of different branches and basic theories of Psychology.
- To demonstrate knowledge of the application of theories of Psychology
- To understand the basic aspects of different branches and basic theories of Psychology.
- To use various psychometric tools for assessment.
- To analyses the critical aspects in the process of diagnosis of mental health issues.
- To conduct a social science research with focus on the methods of studying human behavior
- To shape cognitive, affective and behavioural abilities of students for building responsible psychology professionals and researchers.
- To foster interest in Psychology and create foundation for further studies in Psychology

**Jharkhand, NEP Regulations for FYUGP, 2022 onwards**  
**Table 1: Credit Framework for Four Year Undergraduate Programme (FYUGP) under State Universities of Jharkhand [Total Credits = 160]**

Level of Courses	Semester	MJ: Discipline Specific Courses - Core or Major (80)	MN: Minor from discipline (16)	MN: Minor from vocational (16)	MDC: Multidisciplinary Courses [Life sciences, Physical Sciences, Mathematical and Computer Sciences, Data Analysis, Social Sciences, Humanities, etc.] (9)	AEC: Ability Enhancement Courses (Modern Indian Language and English) (8)	SEC: Skill Enhancement Courses (9)	VAC: Value Added Courses (6)	IAP: Internship/ Dissertation (4)	RC: Research Courses (12)	AMJ: Advanced Courses in lieu of Research (12)	Credits	Double Major (DMJ)
100-199: Foundation or Introductory courses	2	3	4	5	6	7	8	9	10	11	12	13	14
	I	4	4		3	2	3	4				20	4+4
	II	4+4		4	3	2	3					20	4+4
Exit Point: Undergraduate Certificate provided with Summer Internship/ Project (4 credits)													
200-299: Intermediate-level courses	III	4+4	4		3	2	3					20	4+4
	IV	4+4+4		4		2		2				20	4+4
Exit Point: Undergraduate Diploma provided with Summer Internship in 1 <sup>st</sup> or 2 <sup>nd</sup> year/ Project (4 credits)													
300-399: Higher-level courses	V	4+4+4	4						4			20	4+4
	VI	4+4+4+4		4								20	4+4
Exit Point: Bachelor's Degree													
400-499: Advanced courses	VII	4+4+4+4+4	4									20	4+4
	VIII	4		4						12	4+4+4	20	4+4
Exit Point: Bachelor's Degree with Hons./Hons. with Research													
												160	224

Note: Honours students not undertaking research will do 3 courses for 12 credits in lieu of a Research project / Dissertation.



**SEMESTER WISE COURSES OF STUDY FOR FOUR YEAR UNDERGRADUATE  
/RESEARCH PROGRAMME**

**Table-1: Semester wise Course Code and Credit Points for Practical  
Subjects:**

Semester	Common, Introductory, Major, Minor, Vocational & Internship Courses		Credit
	Code	Paper	
I	MJ	Major-1 (Discipline Specific Course)	4
	MN	Minor-IA (From Discipline)	4 (3+1)
	MDC	Multidisciplinary Course	3
	AEC	Ability Enhancement Course	2
	SEC	Skill Enhancement Course	3
	VAC	Value Added Course	4
II	MJ	Major-2 (Discipline Specific Course)	4
	MJ	Major-3 (Discipline Specific Course)	4
	MN	Minor-I (From Vocational)	4
	MDC	Multidisciplinary Course	3
	AEC	Ability Enhancement Course	2
	SEC	Skill Enhancement Course	3
III	MJ	Major-4 (Discipline Specific Course)	4
	MJ	Major-5 (Discipline Specific Course)	4
	MN	Minor-IB (From Discipline)	4 (3+1)
	MDC	Multidisciplinary Course	3
	AEC	Ability Enhancement Course	2
	SEC	Skill Enhancement Course	3
IV	MJ	Major-6 (Discipline Specific Course)	4
	MJ	Major-7(Discipline Specific Course)	4
	MJ	Major-8 (Discipline Specific Course)	4
	MN	Minor-II (From Vocational)	4
	AEC	Ability Enhancement Course	2
	VAC	Value Added Course	2
V	MJ	Major-9 (Discipline Specific Course)	4
	MJ	Major-10 (Discipline Specific Course)	4
	MJ	Major-11 (Discipline Specific Course)	4
	MN	Minor-IC(From Discipline)	4 (3+1)
	IAP	Internship/Dissertation	4
VI	MJ	Major-12 (Discipline Specific Course)	4
	MJ	Major-13 (Discipline Specific Course)	4
	MJ	Major-14 (Discipline Specific Course)	4
	MJ	Major- 15 (Discipline Specific Course)	4
	MN	Minor-III (From Vocational)	4
VII	AMJ	Advance Major-01 (Discipline Specific Course)	4
	AMJ	Advance Major- 02 (Discipline Specific Course)	4
	AMJ	Advance Major-03 (Discipline Specific Course)	4
	AMJ	Advance Major- 04 (Discipline Specific Course)	4
	MN	Advance Minor- 05 (From Discipline)	4 (3+1)
VIII	AMJ	Advance Major-XX (Discipline Specific Course)	4
	MN	Minor-IV (From Vocational)	4
	RC	Research Courses (Dissertation)	12
		<b>Total Credit</b>	<b>160</b>

**Abbreviations:**

MJ- Major Disciplinary/Interdisciplinary Courses  
 MN- Minor Disciplinary/Interdisciplinary Courses  
 AMJ- Advance Major Disciplinary/Interdisciplinary Courses  
 MDC Multidisciplinary Course  
 AEC-Ability Enhancement Course

VAC- Value Added Course  
 IAP- Internship  
 RC- Research Course  
 SEC- Skill Enhancement Course



**Table-2: Title of the Major, Minor and Multidisciplinary Courses in Psychology**

S. No.	Title of The Papers
	<b><u>MAJOR DISCIPLINE SPECIFIC</u></b>
1	<b><i>MJ-1- FOUNDATION S OF PSYCHOLOGY</i></b>
2	<b><i>MJ-2- INTRODUCTION TO BIOPSYCHOLOGY</i></b>
3	<b><i>MJ-3- PRACTICAL</i></b>
4	<b><i>MJ-4- COGNITIVE PSYCHOLOGY</i></b>
5	<b><i>MJ-5- PRACTICAL</i></b>
6	<b><i>MJ-6- FUNDAMENTALS OF SOCIAL PSYCHOLOGY</i></b>
7	<b><i>MJ-7- INTRODUCTION TO PERSONALITY</i></b>
8	<b><i>MJ-8- PRACTICAL</i></b>
9	<b><i>MJ-9- FOUNDATIONS OF DEVELOPMENTAL PSYCHOLOGY</i></b>
10	<b><i>MJ-10-FUNDAMENTALS OF CLINICAL PSYCHOLOGY</i></b>
11	<b><i>MJ-11- PRACTICAL</i></b>
12	<b><i>MJ-12- SYSTEMS AND SCHOOLS IN PSYCHOLOGY</i></b>
13	<b><i>MJ-13- PSYCHOLOGICAL ASSESSMENT</i></b>
14	<b><i>MJ-14- INTRODUCTION TO INDIAN PSYCHOLOGICAL THOUGHTS</i></b>
15	<b><i>MJ-15- PRACTICAL</i></b>
16	<b><i>AMJ-01- EDUCATIONAL PSYCHOLOGY</i></b>
17	<b><i>AMJ-02-FOUNDATIONS OF ORGANIZATIONAL PSYCHOLOGY</i></b>
18	<b><i>AMJ-03- EMERGENCE OF ENVIRONMENTAL PSYCHOLOGY</i></b>
19	<b><i>AMJ-04 PRACTICAL</i></b>
20	<b><i>AMJ-05- RESEARCH METHODS AND STATISTICS IN PSYCHOLOGY</i></b>
	<b><u>MINOR DISCIPLINE SPECIFIC</u></b>
21	<b><i>MN-IA: INTRODUCTION TO PSYCHOLOGY (THEORY)</i></b>
	<b><i>MN-IA: PRACTICAL</i></b>
22	<b><i>MN-IB: COMMUNITY PSYCHOLOGY(THEORY)</i></b>
	<b><i>MN-IB: PRACTICAL</i></b>
23	<b><i>MN-IC: PSYCHOLOGY AND MENTAL HEALTH (THEORY)</i></b>
	<b><i>MN-IC: PRACTICAL</i></b>
24	<b><i>MN-ID: PSYCHOLOGY AT WORK(THEORY)</i></b>
	<b><i>MN-ID: PRACTICAL</i></b>
	<b><u>MULTI DSCIPLINARY COURSE</u></b>
25	<b><i>MDC-PSYCHOLOGY: INTRODUCTION TO GRNERAL PSYCHOLOGY</i></b>

**Table-3:Semester-WiseTitle of the Papers in Four Year Undergraduate Honours/Research Program inPsychology**

**For Practical Subjects**

Year	Semester	Paper Code	Title of the Paper	Theory/Practical	Credits
<b>Major Papers</b>					
1 <sup>st</sup>	I	MJ-1	Foundations of Psychology	Theory	4
		MJ-2	Introduction to Bio-psychology	Theory	4
		MJ-3	Practical	Practical	4
2 <sup>nd</sup>	III	MJ-4	Cognitive Psychology	Theory	4
		MJ-5	Practical	Practical	4
	IV	MJ-6	Fundamentals of Social Psychology	Theory	4
		MJ-7	Introduction to personality	Theory	4
		MJ-8	Practical	Practical	4
3 <sup>rd</sup>	V	MJ-9	Foundations of Developmental Psychology	Theory	4
		MJ-10	Fundamentals of Clinical Psychology	Theory	4
		MJ-11	Practical	Practical	4
	VI	MJ-12	Systems and Schools in Psychology	Theory	4
		MJ-13	Psychological Assessment	Theory	4
		MJ-14	Introduction to Indian Psychological Thoughts	Theory	4
		MJ-15	Practical	Practical	4
4 <sup>th</sup>	VII	AMJ-01	Educational Psychology	Theory	4
		AMJ-02	Foundations of Organizational Psychology	Theory	4
		AMJ-03	Emergence of Environmental Psychology	Theory	4
		AMJ-04	Practical	Practical	4
	VIII	AMJ-05	Research Methods and Statistics in Psychology	Theory	4
<b>Total Credit</b>					<b>80</b>

**Table-4: Distribution of Marks for Major Papers:**

S.No.	Semester	Paper	Credit	Full Marks=100			Pass Marks		
				Internal Theory (Mid Sem)	End Sem Theory	End Sem Practical	Internal Theory (Mid Sem)	End Sem Theory	End Sem Practical
1.	I	MJ-1	4	25	75		10	30	
2.	II	MJ-2: Theory	4	25	75		10	30	
		MJ-3: Practical	4			100			40
3.	III	MJ-4: Theory	4	25	75		10	30	
		MJ-5: Practical	4			100			40
4.	IV	MJ-6: Theory	4	25	75		10	30	
		MJ-7: Theory	4	25	75		10	30	
		MJ-8I: Practical	4			100			40
5.	V	MJ-9: Theory	4	25	75		10	30	
		MJ-10: Theory	4	25	75		10	30	
		MJ-11: Practical	4			100			40
6.	VI	MJ-12: Theory	4	25	75		10	30	
		MJ-13: Theory	4	25	75		10	30	
		MJ-14: Theory	4	25	75		10	30	
		MJ-15: Practical	4			100			40
7	VII	AMJ-01: Theory	4	25	75		10	30	
		AMJ-02: Theory	4	25	75		10	30	
		AMJ-03: Theory	4	25	75		10	30	
		AMJ-04: Practical	4			100			40
8.	VIII	AMJ-05: Theory	4	25	75		10	30	
<b>Total Credit</b>				<b>80</b>					

**Table-5: Distribution of Marks for Minor Papers:**

S.No.	Semester	Paper	Credit	Full Marks		Pass Marks	
				Theory(Internal +End Semester)	Practical(End Semester)	Theory(Internal +End Semester)	Practical
1.	I	MN-IA	3+1	15+60	25	30	10
2.	III	MN-IB	3+1	15+60	25	30	10
3.	V	MN-IC	3+1	15+60	25	30	10
4.	VII	MN-ID	3+1	15+60	25	30	10

**Table-6: Distribution of Marks for Multidisciplinary Paper-Psychology:**

S.No.	Semester	Paper	Credit	Full Marks	Pass Marks
				Theory(End Semester)	Theory(End Semester)
1.	I or II or III	MDC-Psychology	3	75	30

**SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE**

**SEMESTER-I**  
**MAJOR PAPER-1**  
**Theory**

**Instruction to faculty members and Question Setter for:**

**Semester Internal Examination (SIE):**

**Time: 1 hour**

The Semester Internal Examination shall have two components. (a) Written Examination of 20 Marks and (b) Class Attendance Score of 5 marks.

There will be two groups of questions in written examinations of 20 marks. Group A is compulsory and will contain five very short type questions consisting of 1 mark each and one short question of 5 marks. Group B will contain descriptive type two questions of 10 marks each, out of which any one is to be answered.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks).

**End Semester Examination (ESE):**

**Time: 3 hours**

The End Semester Exam will be of 75 marks. There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type questions consisting of five questions of 1 mark each. Question No. 2 and 3 will be two short answer type questions of 5 marks each. Group B will contain descriptive type six questions of 15 marks each, out of which any four to be answered.

Program/Class: Undergraduate Certificate	Year-First	Semester-1
<b>Paper - Foundations of Psychology</b>		
<b>Paper Code: MJ-1</b>		<b>Core Compulsory</b>
<b>Credit: 4 (60 hours)</b>		<b>1 Credit=15 hrs</b>
<b>FM: 100</b>		<b>SIE=25, ESE=75</b>
<b>PM: 40</b>		<b>SIE=10, ESE=30</b>
<b>Unit 1: Introduction:</b> <ul style="list-style-type: none"> <li>• Emergence and Development of Psychology</li> <li>• Definition and Goals of Psychology and subject matter of Psychology;</li> <li>• Branches of psychology- Cognitive, Abnormal, Social, Developmental and Biopsychology,</li> <li>• Methods of psychology- Psychology in modern India.</li> </ul> <b>Unit 2: Perception:</b> <ul style="list-style-type: none"> <li>• Concept and process</li> <li>• Perceptual organization</li> <li>• Role of attention in perception</li> <li>• Perceptual sets</li> <li>• Perceptual constancies</li> <li>• Perception of Depth, Distance and Movement</li> </ul> <b>Unit 3: Learning:</b> <ul style="list-style-type: none"> <li>• Concept of learning</li> <li>• Learning curve and methods of learning</li> </ul>		

- Theories of learning- Thorndike's Connectionism, Pavlov's Classical conditioning, Skinner's Operant conditioning, Kohler & Kafka's Insight theory and Observational Learning

Digital learning; Self-regulated learning

**Unit 4: Memory:**

- Meaning and Nature of memory
- Types of memory-Sensory memory semantic memory, STM and LTM; Difference between LTM and STM:
- Factors improving memory
- Concept of Ebbinghaus and Bartlett
- **Forgetting:**
- Concept, Nature and Causes
- Theories of Forgetting

**Unit 5: Emotion:**

- Meaning and Characteristics
- Development of Emotion
- Physiological correlates of Emotion
- Measurement of Emotion – Galvanic Skin Response(GSR)

**BOOKS RECOMMENDED:**

1. Sing, A. K (2012). Adhunik Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
2. Suleman, Md. (2012) :Adhunik Samanya Manougyan. Patna: MotilalBanarsidas. (In Hindi)
3. Baron, R.and Misra,G. (2013). Psychology.New Delhi: Pearson.
- 4.Ciccarelli, S. K. and Meyer, G. E.(2010). Psychology. New Delhi Pearson Education.
5. Passer, M.W. and Smith, R.E. (2010). Psychology: TheScienceof mind and behavior. New Delhi: TataMcGraw-Hill.
- 6.Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
7. M o r g a n C.T., King R.A, WeissJ.Rad Schopler,J.(2012). (latestedition). Introduction to psychology. TATAMcGraw HillEducation Pvt.NewDelhi.

**SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE**

**SEMESTER-II**  
**MAJOR PAPER-2**  
**Theory**

**Instruction to faculty members and Question Setter for:**

**Semester Internal Examination (SIE):**

**Time:1 hour**

The Semester Internal Examination shall have two components. (a) Written Examination of 20 Marks and (b) Class Attendance Score of 5 marks.

There will be two groups of questions in written examinations of 20 marks. Group A is compulsory and will contain five very short type questions consisting of 1 mark each and one short question of 5 marks. Group B will contain descriptive type two questions of 10 marks each, out of which any one is to be answered.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks).

**End Semester Examination (ESE):**

**Time:3 hours**

The End Semester Exam will be of 75 marks. There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type questions consisting of five questions of 1 mark each. Question No. 2 and 3 will be two short answer type questions of 5 marks each. Group B will contain descriptive type six questions of 15 marks each, out of which any four to be answered.

Program/Class: Undergraduate Certificate	Year-First	Semester-II
<b>Paper – Foundations of Bio-psychology</b>		
<b>Paper Code: MJ-2</b>		<b>Core Compulsory</b>
<b>Credit: 4 (60 hours)</b>		<b>1 Credit=15 hrs</b>
<b>FM: 100</b>		<b>SIE=25, ESE=75</b>
<b>PM: 40</b>		<b>SIE=10, ESE=30</b>
<b>Unit 1: Introduction to Biopsychology</b> <ul style="list-style-type: none"> <li>• Definition and Nature of Bio-Psychology;</li> <li>• Subject matter of Bio-Psychology</li> <li>• Methods of Bio-Psychology</li> <li>• Ethics in Bio-Psychology</li> </ul>		
<b>Unit 2: Neuron and Neural Conduction</b> <ul style="list-style-type: none"> <li>• Neuron –structure, types and Functions</li> <li>• Nerve Impulse and Neural conduction</li> <li>• Synapse and Synaptic transmission.</li> <li>• Neurotransmitters</li> </ul>		
<b>Unit 3: Nervous system</b> <ul style="list-style-type: none"> <li>• Structure and function of Central Nervous System (CNS)</li> <li>• Structure and function of Peripheral Nervous System (PNS)</li> </ul>		



- Methods of Studying Functions of Brain

**Unit 4: Endocrine System:**

- Endocrine Glands –Concept and Type
- Structure and functions of endocrine Glands
- Abnormalities of major glands: Thyroid, Adrenal, Gonads, Pituitary, Pancreas and Pineal

**Unit 5: Receptor, Effectors and Adjuster Mechanism**

- Receptor Cells
- Effectors Cells
- Adjustor Cells

**BOOKS RECOMMENDED:**

1. Breedlove, S. M., Rosenzweig, M. R. and Watson, N. V. (2007). Biological Psychology: An introduction to behavioral, cognitive, and clinical neuroscience (5<sup>th</sup> Edition). Sunderland, Massachusetts
2. Carlson, N. R. (2009) Foundations of Physiology (6<sup>th</sup> Edition). New Delhi: Pearson
3. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
4. Pinel, J.P. (2011). Biopsychology (8<sup>th</sup> Edition). New Delhi: Pearson Education. New Delhi: Tata McGraw-Hill.
5. Singh, A.K. (2014). Neuro-psychology. Patna: Motilal Banarsidas.
6. Carlson, Neil, R. (2008) Foundations of Physiological Psychology. Pearson Education India

**MAJOR PAPER-3**  
**Practical 1**

***Instruction to faculty members and Question Setter for:***

***End Semester Examination (ESE): Time: 3 hours***

*The Question for- semester exam Practical Exam will be of equal to 100 Marks and will be of 3 hours duration. Distribution of marks in end semester exam will be as - Experiment -30, Testing-30, Viva-Voce-20 and N.B-20. Four Questions will be set – Two from Group A and Two from Group B out of which candidates be required to answer two questions One from Group A and One from Group B.*

*(Note: There is no internal examination in practical paper)*

<b>Program/Class: Undergraduate Certificate</b>	<b>Year-First</b>	<b>Semester-II</b>
<b>Paper - Practical I</b>		
<b>Paper Code: MJ-3P</b>		<b>Core Compulsory</b>
<b>Credit: 4 (120 hours)</b>		<b>1 Credit=30 hrs</b>
<b>FM:100</b>		<b>PM: 40</b>
<p><b>Group A: Experiment: Verbal Learning and Sensory Motor Learning</b></p> <ol style="list-style-type: none"> <li>1. Memorizing non-sense syllables by the method of Simple Reproduction</li> <li>2. Memorizing non-sense syllables by the method of Serial Reproduction</li> <li>3. Bi-lateral transfer (Positive transfer) in sensory motor learning</li> <li>4. Habit-interference (Negative transfer)</li> </ol> <p><b>Group B: Testing : Perception, Emotion, Mental Health and Stress</b></p> <ol style="list-style-type: none"> <li>1. Defence Mechanism Inventory by Mrinal and Singhal</li> <li>2. Emotional Maturity Scale by Singh and Sengupta or by Singh and Bhargava</li> <li>3. Mental Health Battery by Singh and Sengupta</li> <li>4. Stress Test by Singh Personal Stress Source Inventory</li> </ol> <p><b>Reference Books:</b></p> <ol style="list-style-type: none"> <li>1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas</li> <li>2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.</li> <li>3. Sinha, R.R.P. (2001). Manovigyan me prayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan</li> <li>4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan</li> </ol>		

**SEMESTER -III****MAJOR PAPER-4****Theory****Instruction to faculty members and Question Setter for:****Semester Internal Examination (SIE):****Time:1 hour**

The Semester Internal Examination shall have two components.(a) Written Examination of 20 Marks and (b) Class Attendance Score of 5 marks.

There will be two groups of questions in written examinations of 20 marks. Group A is compulsory and will contain five very short type questions consisting of 1 mark each and one short question of 5 marks. Group B will contain descriptive type two questions of 10 marks each, out of which any one is to be answered.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks ).

**End Semester Examination (ESE):****Time:3 hours**

The End Semester Exam will be of 75 marks. There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type questions consisting of five questions of 1 mark each. Question No.2 and 3 will be two short answer type questions of 5 marks each. Group B will contain descriptive type six questions of 15 marks each, out of which any four to be answered.

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-III</b>
<b>Paper – Cognitive Psychology</b>		
<b>Paper Code: MJ-4</b>		<b>Core Compulsory</b>
<b>Credit: 4(60 hours)</b>		<b>1 Credit=15 hrs</b>
<b>FM:100</b>		<b>SIE=25, ESE=75</b>
<b>PM:40</b>		<b>SIE=10, ESE=30</b>
<b>Unit 1: Cognitive Psychology:</b> <ul style="list-style-type: none"> <li>• Origin and Definitions</li> <li>• Approaches of Cognitive Psychology</li> <li>• Current Status of Cognitive Psychology</li> </ul> <b>Unit 2: Intelligence:</b> <ul style="list-style-type: none"> <li>• Definitions, Nature and Types</li> <li>• Theories of intelligence- Two factor, Multiple factor and Group factor theory</li> <li>• Impact of heredity and environment on intelligence</li> <li>• Concept of Emotional Intelligence</li> </ul> <b>Unit 3: Thinking:</b> <ul style="list-style-type: none"> <li>• Meaning and nature of thinking</li> <li>• Types of Thinking</li> <li>• Jean Piaget' contributions in children's thinking</li> </ul>		

- Role of Set in thinking

**Unit 4: Concept Formation and Problem Solving:**

- Nature and Importance of Concept
- Types of Concept
- Factors influencing Concept Formation
- Meaning and Nature of Problem Solving
- Steps of Problem Solving
- Methods of Problem Solving

**Unit 5: Attention**

- Meaning and Characteristics of Attention
- Types of Attention
- Distraction of Attention
- Determinants of Attention

**BOOKS RECOMMENDED:**

1. Sing, A. K (2012). Adhunic Samanya Monavigyan. Patna: Motilal Banaridas. (In Hindi)
2. Suleman, Md. (2012) :Adhunic Samanya Manougyan. Patna: Motilal Banarsidas. (In Hindi)
3. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
4. Ciccarelli, S. K. and Meyer, G. E. (2010). Psychology. New Delhi Pearson Education.
5. Passer, M.W. and Smith, R.E. (2010). Psychology: The Science of mind and behavior. New Delhi: Tata McGraw-Hill.
6. Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
7. Morgan C.T., King R.A, Weiss J. RadSchopler, J. (2012). (latest edition). Introduction to psychology. TATA McGraw Hill Education Pvt. New Delhi.
8. Mangal S.K. (2000) General Psychology, New Delhi: Sterling Publishers Pvt. Ltd.
9. Shashi Jain (latest edition) Introduction to Psychology. New Delhi: Kalyani Publishers.

**MAJOR PAPER-5**  
**Practical 2**

**Instruction to faculty members and Question Setter for:**

**End Semester Examination (ESE):**

**Time:3 hours**

The Question for- semester exam Practical Exam will be of equal to 100 Marks and will be of 3 hours duration. Distribution of marks in end semester exam will be as –Experiment 1-30, Testing 1-30, Viva-Voce-20 and N.B-20. Four Questions will be set – Two from Group A and Two from Group B out of which candidates be required to answer two questions One from Group A and One from Group B.

(Note: There is no internal examination in practical paper)

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-III</b>
<b>Paper - Practical-2</b>		
<b>Paper Code: MJ-5/P</b>		<b>Core Compulsory</b>
<b>Credit: 4(120 hours)</b>		<b>1 Credit=30 hrs</b>
<b>FM:100</b>		<b>PM:40</b>
<p><b>Group A: Experiments; Attention and Problem Solving</b></p> <ol style="list-style-type: none"> <li>1 Effect of organization of stimulus materials on span of attention</li> <li>2. Effect of distraction of attention on mental task</li> <li>3. Fluctuation of attention</li> <li>4. Role of Mental Set in Problem Solving</li> </ol> <p><b>Group B: Testing: Intelligence</b></p> <ol style="list-style-type: none"> <li>1. Alexander's Battery Test of Intelligence (Pass Along Test, Koh's Block Design Test, Cube Construction Test)</li> <li>2. Mohsin's General Intelligence Test</li> <li>3. Raven's Progressive Matrices</li> <li>4. Joshi's Test of Intelligence</li> </ol>		
<b>Reference Books:</b>		
1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas		
2. Sulaiman, M. (1996). Manovigyanik Prayog Aur Parikshan. Patna: Motilal Banarsidas.		
3. Sinha, R.R.P. (2001). Manovigyanme prayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan		
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan		

**SYLLABUS OF PSYCHOLOGY DISCIPLINE SPECIFIC COURSE****SEMESTER -I****MINOR PAPER-1A****Theory****Instruction to faculty members and Question Setter for:****Semester Internal Examination (SIE): Time:****1 hour**

The Semester Internal Examination shall have two components. (a) Written Examination of 10 Marks and (b) Class Attendance Score of 5 marks.

There will be two groups of questions in written examinations of 10 marks. Group A is compulsory and will contain five very short type questions containing 1 mark each and Group B will contain descriptive type two questions of 5 marks each, out of which any one is to be answered.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks).

**End Semester Examination (ESE):****Time: 3 hours**

The End Semester Exam will be of 60 marks. There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type questions consisting of five questions of 1 mark each. Question No. 2 and 3 will be two short answer type questions of 5 marks each. Group B will contain descriptive type five questions of 15 marks each, out of which any three to be answered.

<b>Program/Class: Undergraduate</b>	<b>Year-First</b>	<b>Semester-I</b>
<b>Certificate</b>		
<b>Paper Code: MN 1A</b>	<b>Paper : Introduction to Psychology</b>	<b>Discipline/Inter Disciplinary</b>
<b>Minor</b>		
<b>Credit: 3 (45 hours)1</b>		<b>Credit= 15 hours</b>
<b>FM:75</b>		<b>SIE=15, ESE=60</b>
<b>PM:30</b>		<b>SIE=06, ESE=24</b>
<p><b>Course Outcomes:</b> After the completion of course, the students will have ability to:</p> <ol style="list-style-type: none"> <li>1. Understanding what Psychology is all about.</li> <li>2. Understand the scope and the field of Psychology.</li> <li>3. Developing familiarity with basic concepts related to some foundational themes of study in Psychology such as learning, memory, perception, thinking, emotion, sensation, attention including sensory process.</li> </ol>		
<p><b>Unit 1: Introduction:</b></p> <ul style="list-style-type: none"> <li>• Definition, nature and subject matter of Psychology;</li> <li>• Branches of psychology- Cognitive, Abnormal, Social, Developmental, Clinical, Educational</li> <li>• Methods of psychology- Observation, Experimental and Interview Methods</li> </ul>		
<p><b>Unit 2: Sensory and Perceptual Processes:</b></p> <ul style="list-style-type: none"> <li>• Structure and Functions of Eye</li> <li>• Structure and Functions of Ear</li> <li>• Perceptual-Concept and Process</li> <li>• Views on Perception: Gestalt and Behaviouristic</li> </ul>		

**Unit 3: Sensation and Attention:**

- **Sensation:** Definition and Characteristics
- **Attention:** Meaning and phenomena (span of attention, division of attention, fluctuation and distraction),
- Determinants: objective and subjective

**Unit 4: Learning:**

- Definition and Nature
- Methods of learning
- Theories of learning- Thorndike's Connectionism, Pavlov's Classical conditioning, Skinner's Operant conditioning,

**Unit 5: Memory:**

- Meaning and Nature of memory
  - Types of memory-Sensory memory semantic memory, STM and LTM; Difference between LTM and STM:
  - Factors improving memory
- Forgetting:**
- Concept, Nature and Causes

**BOOKS RECOMMENDED:**

1. Sing, A. K (2012). AdhunicSamanyaMonavigyan. Patna: MotilalBanaridas. (In Hindi)
2. Suleman, Md. (2012) :AdhunicSamanyaManougyan. Patna: MotilalBanarsidas. (In Hindi)
3. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
4. Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
5. Morgan C.T., King R.A, Weiss J. Rad Schopler, J. (2012). (latest edition). Introduction to Psychology. TATA McGraw Hill Education Pvt. New Delhi.
6. Mangal S.K (2000) General Psychology, New Delhi: Sterling Publishers Pvt. Ltd.
7. Shashi Jain (Latest edition) Introduction to Psychology. New Delhi: Kalyani Publishers.



**SEMESTER -I****MINOR PAPER-1A**  
**Practical***Instruction to faculty members and Question Setter for:***End Semester Examination (ESE):****Time:3 hours**

The Question for-semester exam Practical Exam will be of equal to 25 Marks Distribution of marks in end semester exam will be as - experiment-15 Viva-Voce-5 and N.B-5. Two Questions will be set out of which candidates be required to answer one question.

(Note: There is no internal examination in practical paper)

<b>Program/Class: Undergraduate Certificate</b>	<b>Year-Second</b>	<b>Semester-III</b>
<b>Paper - Practical I</b>		
<b>Paper Code: MN 1A/P</b>	<b>Discipline/Inter Disciplinary Minor</b>	
<b>Credit: 1</b>	<b>1 Credit=30 hrs</b>	
<b>FM:25</b>	<b>PM:10</b>	
<p><b>Experiments:</b></p> <ol style="list-style-type: none"> <li>1.Simple Method in Verbal learning</li> <li>2. Serial Method in Verbal learning</li> <li>3. Paired Associate Method in Verbal learning</li> <li>4. Whole vs Part Method in Verbal learning</li> </ol>		
<b>Reference Books:</b>		
1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motilal Banarsidas		
2. Sulaiman, M. (1996). Manovigyanik Prayog AurP arikshan. Patna: Motilal Banarsidas.		
3. Sinha, R.R.P(2001). Manovigyan me prayog, Parikchan aur Snakhiyeki. Patna: Bharti Bhawan		
4. Singh, A.K. (2011). Uchchar Manovigyanik Prayog aur Parikshan. Patna: Bharti Bhawan		

**SEMESTER-III****MINOR PAPER-1B****Theory****Instruction to faculty members and Question Setter for:****Semester Internal Examination (SIE):****Time:1 hour**

The Semester Internal Examination shall have two components. (a) Written Examination of 10 Marks and (b) Class Attendance Score of 5 marks.

There will be two groups of questions in written examinations of 10 marks. Group A is compulsory and will contain five very short type questions containing 1 mark each and Group B will contain descriptive type two questions of 5 marks each, out of which any one is to be answered.

(Attendance Upto 75%, 1 mark; 75 < Attd. < 80, 2 marks; 80 < Attd. < 85, 3 marks; 85 < Attd. < 90, 4 marks; 90 < Attd., 5 marks).

**End Semester Examination (ESE):****Time:3 hours**

The End Semester Exam will be of 75 marks. There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type questions consisting of five questions of 1 mark each. Question No. 2 and 3 will be two short answer type questions of 5 marks each. Group B will contain descriptive type five questions of 15 marks each, out of which any three to be answered.

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-III</b>
<b>Paper – Community Psychology</b>		
<b>Paper Code: MN-1B</b>	<b>Disciplinary/Interdisciplinary Minor</b>	
<b>Credit: 3 (45 hours)</b>	<b>1 Credit=15 hrs</b>	
<b>FM: 75</b>	<b>SIE=15, ESE=60</b>	
<b>PM: 30</b>	<b>SIE=06, ESE=24</b>	
<p><b>Course Outcomes:</b> This course provides:</p> <ol style="list-style-type: none"> <li>1. knowledge about how community issues can impact the health and wellness of individuals.</li> <li>2. knowledge about the community as a context for the individuals within it, and the relationship of the individual to the community and society.</li> <li>3. knowledge to understand the functioning of the community, including the quality of life of the persons within groups, organizations and institutions, communities, and society.</li> <li>4. knowledge to work on issues like empowerment, civic participation, building a sense of community, problem prevention, health promotion and individual wellness.</li> </ol> <p><b>Unit 1: Introduction:</b></p> <ul style="list-style-type: none"> <li>• Definition of Community Psychology</li> <li>• Historical contexts of Community Psychology:</li> <li>• Concept, evolution and nature of community mental health.</li> <li>• Types of community;</li> </ul>		

- Models of mental health services: mental, social, organizational and ecological.

**Unit 2: Core values:**

- Individual and family wellness; sense of community; respect for human diversity;
- social justice; empowerment and citizen participation: collaboration and community strength

**Unit 3: Health promotion:**

- Process of community organization for health promotion;
- Community mental health program for child and maternal health, physically challenged and old age in the Indian context

**Unit 4: Intervention:**

- Community mental health intervention and community based rehabilitation; Training of the Para - professional and non-professionals.

**Unit 5: Community mental health in India:**

- Issues and challenges.

**BOOKS RECOMMENDED**

1. Bloom, B. (1973). Community Mental Health – A critical analysis. New Jersey. General Learning Press.
2. Koch, C.H (1986) (ed.). Community Clinical Psychology. London: Croom Helm.
3. Mann, P.A. (1978). Community Psychology: Concepts and Application. New York: The Free Press.
4. Rappaport, J. (1977). Community psychology: Values Research and Action. New York: Holt, Reinhardt and Wingston.
5. Singh, A.K. (2012). Adhunik Asamnya Manovigyan (Motilal Banarsi Das).
6. Singh, A.K. (2012). Uchtar Naidanik Manovigyan (Motilal Banarsi Das).

**SEMESTER -III**  
**MINOR PAPER-1B**  
**Practical**

*Instruction to faculty members and Question Setter for:*

**End Semester Examination (ESE):**

**Time:3 hours**

*The Question for-semester exam Practical Exam will be of equal to 25 Marks. Distribution of marks in end semester exam will be as – Testing- 15, Viva-Voce-5 and N.B-5. Two Questions will be set out of which candidates be required to answer one question.*

*(Note: There is no internal examination in practical paper)*

<b>Program/Class: Undergraduate Diploma</b>	<b>Year-Second</b>	<b>Semester-III</b>
<b>Paper - Practical II</b>		
<b>Paper Code: MN 1B/P</b>	<b>Discipline/Inter Disciplinary Minor</b>	
<b>Credit: 1</b>	<b>1 Credit=30 hrs</b>	
<b>FM:25</b>	<b>PM:10</b>	
<p><b>Testing:</b></p> <ol style="list-style-type: none"> <li>1.Mohsin's General Intelligence Test</li> <li>2.Eyejenk' s Personality Questionnaire (EPQ-Indian Adaptation)</li> <li>3.Sinha's Manifest Anxiety Scale</li> <li>4. Mental Health Battery by Singh and Gupta</li> </ol>		
<b>Reference Books:</b>		
1. Mohsin, S.M. (1982). Experiments in Psychology. Patna: Motila lBanarsidas		
2. Sulaiman, M. (1996). Manovigyanik Prayog AurP arikshan. Patna: Motilal Banarsidas.		
3.Sinha,R.R.P(2001). Manovigyan me prayog, Parikchan aur Snakhiyeki.Patna: Bharti iBhawan		
4.Singh,A.K.(2011).UchhtarManovigyanikPrayogaaurParikshan.Patna:BhartiBhawan		

**SEMESTER-I/II/III****Multidisciplinary Course in Psychology**  
**Theory*****Instruction to faculty members and Question Setter for:******End Semester Examination (ESE):******Time: 3 hours***

*The End Semester Exam will be of 75 marks. There will be two groups of questions. Group A is compulsory and will contain three questions. Question No. 1 will be very short type questions consisting of five questions of 1 mark each. Question No. 2 and 3 will be two short answer type questions of 5 marks each. Group B will contain descriptive type six questions of 15 marks each, out of which any four to be answered.*

*(Note: There is no internal examination in practical paper)*

<b>Program/Class: Undergraduate Certificate/ Diploma</b>	<b>Year-First/Second</b>	<b>Semester-I/II/III</b>
<b>Paper –Introduction to General Psychology</b>		
<b>Paper Code: MDC/PSY</b>	<b>Multidisciplinary Course</b>	
<b>Credit: 3</b>	<b>1 Credit=15 hrs</b>	
<b>FM:75</b>	<b>PM:30</b>	
<p><b>Course Outcomes:</b> After the completion of course:</p> <ol style="list-style-type: none"> <li>1. The students will have ability to understand what Psychology is all about.</li> <li>2. The students will understand the scope and the field of Psychology.</li> <li>3. Develop familiarity with basic concepts related to some foundational themes of study in Psychology such as learning, memory, and perception, forgetting and human sensory process.</li> </ol> <p><b>Unit 1: Introduction:</b></p> <ul style="list-style-type: none"> <li>• Definition and Goals of psychology;</li> <li>• Methods of Psychology- Observation, Experimental, and Interview method</li> </ul> <p><b>Unit 2: Sensory and Perceptual Processes:</b></p> <ul style="list-style-type: none"> <li>• Structure and function of eye and ear;</li> <li>• Perception: Concept and process, Views on perception: Behavioristic and Gestalt, Perceptual organization,</li> </ul> <p><b>Unit 2: Learning:</b></p> <ul style="list-style-type: none"> <li>• Nature and Definitions of Learning;</li> <li>• Role of Motivation in Learning;</li> <li>• Theories of Learning- Thorndike's Trial and Error theory, Kohler &amp; Kafka's Insight theory, Pavlov's Conditioning theory</li> </ul> <p><b>Unit 4(A) Memory:</b></p> <ul style="list-style-type: none"> <li>• Nature and Definitions of Memory;</li> </ul>		

- Process of Memory;
- Types of memory

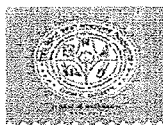
**(B)Forgetting:**

- Nature and Definitions of Forgetting;
- Causes of Forgetting

**BOOK RECOMMENDED**

1. Wood, S.E. and Wood, E.G. (1996): The world of Psychology. New York: Allyn-Bacon.
2. Rahman, A. (1998): Samanya Manovigyan Vishay aur Viyakhya: Motilal Banarasidas.
3. Suleiman, Md (1996): Uchhtar Samanya Manovigyan: Patna: Motilal Banarsidas.
4. Sing, A. K (2012). AdhunicSamanyaMonavigyan. Patna: MotilalBanaridas. (In Hindi)
5. Baron, R. and Misra, G. (2013). Psychology. New Delhi: Pearson.
6. Robert Feldman (2011) Essentials of Understanding Psychology 10<sup>th</sup> Edition, ISBN-13-9781259003059/ISBN-10-1259003051
7. Morgan C.T., King R.A, Weiss J. Rad Schopler, J. (2012). (latest edition). Introduction to Psychology. TATA McGraw Hill Education Pvt. New Delhi.
8. Mangal S.K (2000) General Psychology, New Delhi: Sterling Publishers Pvt. Ltd.

# FORMAT OF QUESTION PAPER FOR SEMESTER INTERNAL EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

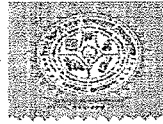
## Question format for 10 Marks:

F.M.=10	Subject/Code Time=1Hr.	Exam Year
<b>General Instructions :</b>		
i. Group A carries very short answer type compulsory question.		
ii. Answer 1 out of 2 subjective/descriptive questions given in Group B.		
iii. Answer in your own words as far as practicable.		
iv. Answer all sub parts of a question at one place.		
v. Numbers in right indicate full marks of the question.		
<u>Group A</u>		
1.		[5x1=5]
i.	.....	
ii.	.....	
iii.	.....	
iv.	.....	
v.	.....	
<u>Group B</u>		
2.	.....	[5]
3.	.....	[5]

Note: There may be subdivisions in each question asked in Theory Examination.



**FORMAT OF QUESTION PAPER FOR SEMESTER INTERNAL EXAMINATION**



**Binod Bihari Mahato Koylanchal University, Dhanbad**

**Question format for 20 Marks:**

F.M.=20	Subject/Code Time=1Hr.	Exam Year
<b>General Instructions:</b>		
i. Group A carries very short answer type compulsory question. ii. Answer 1 out of 2 subjective/descriptive questions given in Group B. iii. Answer in your own words as far as practicable, iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.		
<b><u>Group A</u></b>		
1.	i. .... ii. .... iii. .... iv. .... v. ....	[5x1=5]
2.	.....	[5]
<b><u>Group B</u></b>		
3	.....	[10]
4	.....	[10]
<b>Note: There may be subdivisions in each question asked in Theory Examination.</b>		

FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

Question format for 50 Marks:

F.M.=50	Subject/Code Time=3Hrs.	Exam Year
<b>General Instructiong:</b>		
i. Group A carries very short answer type compulsory question.		
ii. Answer 3 out of 5 subjective/descriptive questions given in Group B.		
iii. Answer in your own words as far as practicable.		
iv. Answer all sub parts of a question at one place.		
v. Numbers in right indicate full marks of the question.		
<u>Group A</u>		
1.		[5x1=5]
	i. ....	
	ii. ....	
	iii. ....	
	iv. ....	
	v. ....	
<u>Group B</u>		
2.	.....	[15]
3.	.....	[15]
4.	.....	[15]
5.	.....	[15]
6.	.....	[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

Question format for 60 Marks:

F.M.=60	Subject/Code Time=3Hrs.	Exam Year
<b>General Instructions :</b>		
i.	Group A carries very short answer type compulsory question.	
ii.	Answer 3 out of 5 subjective/descriptive questions given in Group B.	
iii.	Answer in your own words as far as practicable.	
iv.	Answer all sub parts of a question at one place.	
v.	Numbers in right indicate full marks of the question.	
<u>Group A</u>		
1.		[5x1=5]
i.	.....	
ii.	.....	
iii.	.....	
iv.	.....	
v.	.....	
2.	.....	[5]
3.	.....	[5]
<u>Group B</u>		
4.	.....	[15]
5.	.....	[15]
6.	.....	[15]
7.	.....	[15]
8.	.....	[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

Question format for 75 Marks:

F.M.=75	Subject/Code Time=3Hrs.	Exam Year
<b>General Instructions:</b>		
i.	Group A carries very short answer type compulsory question.	
ii.	Answer 4 out of 6 subjective/descriptive questions given in Group B.	
iii.	Answer in your own words as far as practicable.	
iv.	Answer all sub parts of a question at one place.	
v.	Numbers in right indicate full marks of the question.	
1.	<ul style="list-style-type: none"> <li>i. ....</li> <li>ii. ....</li> <li>iii. ....</li> <li>iv. ....</li> <li>v. ....</li> </ul>	[5x1=5]
2.	.....	[5]
3.	.....	[5]
<b><u>Group B</u></b>		
4.	.....	[15]
5.	.....	[15]
6.	.....	[15]
7.	.....	[15]
8.	.....	[15]
9.	.....	[15]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		

FORMAT OF QUESTION PAPER FOR END SEMESTER UNIVERSITY EXAMINATION



Binod Bihari Mahato Koylanchal University, Dhanbad

Question format for 100 Marks:

F.M.=100	Subject/Code Time=3Hrs.	Exam Year
<b>General Instructions:</b>		
i. Group A carries very short answer type compulsory question. ii. Answer 4 out of 6 subjective/descriptive questions given in Group B. iii. Answer in your own words as far as practicable. iv. Answer all sub parts of a question at one place. v. Numbers in right indicate full marks of the question.		
<u>Group A</u>		
1.		[10x1=10]
	i. .... vi. .... ii. .... vii. .... iii. .... viii. .... iv. .... ix. .... v. .... x. ....	
2.	.....	[5]
3.	.....	[5]
<u>Group B</u>		
4.	.....	[20]
5.	.....	[20]
6.	.....	[20]
7.	.....	[20]
8.	.....	[20]
9.	.....	[20]
<b>Note:</b> There may be subdivisions in each question asked in Theory Examination.		